Rebel Commercial Packaged Rooftop Systems

First to Meet the DOE Rooftop Air Conditioner Challenge

**Industry Leading Technologies & Features**
- VAV from 3 - 15 tons
- Heat pump operation with hybrid (gas, electric, hot water) heat options
- Variable speed inverter scroll compressor
- Variable speed ECM motors on all fans
- Electronic expansion valves
- MicroTech III unit controller
- Seamless top panel
- 1/4-turn hinged access doors
- Full perimeter, forkable base rail
- Double-wall foam cabinet
- R7 insulated panels
- Dehumidification control - modulating hot gas reheat
- Economizer
- 2" and 4" slide-out filter racks
- Stainless steel double-sloped drain pan

**Whisper-Quiet Operation**
- Internal compressor operation
- Composite condenser fans

**System Configurable**
- 100% dedicated outdoor air
- Variable air volume (VAV)
- Single-zone VAV
- Constant air volume (CAV)

**The Challenge**
- Submit cost-effective, highly efficient commercial air conditioners for testing that satisfy a DOE-issued specification for energy savings and performance
- Reduce energy use by as much as 50-60% over current equipment
- Meet an Integrated Energy Efficiency Rating (IEER) of 18 or higher

**The Result**
- Daikin McQuay Rebel was the first entry submission and first to meet the DOE challenge

**Industry Leading Energy Efficiencies**
- Unmatched part-load efficiencies of up to 19.5 IEER (cooling)
- Heat pump operation with COPs as high as 4.3
- Exceeds ASHRAE 90.1 standard and competitor energy savings by up to 60-70%
- Lowest total cost of ownership; complete system payback in as little as two years

Read the Article on DOE Website [HERE!](#)

**Q & A**
Respond to [mail@vemcoinc.com](mailto:mail@vemcoinc.com) with the correct answer by: June 20th to be eligible for the prize! (No phone answers accepted; can only win once every 6 months)

**Q:** The Daikin McQuay Rebel’s innovative design creates air conditioning part-load energy efficiencies (as high as 19.5 IEER) that overwhelmingly surpass ASHRAE’s 90.1 performance standard, by what percentage?

**Prize:** $50.00 AMEX gift card

**Congrats to** Brodie Karabensh at ACE who correctly answered that Governair, has been designing and manufacturing innovative custom air handling and DX systems in the USA since 1937.